

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11200961
PUBLICATION DATE : 27-07-99

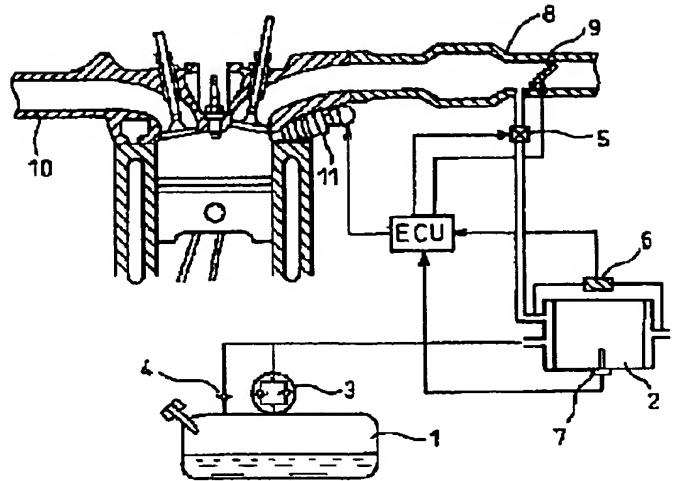
APPLICATION DATE : 13-01-98
APPLICATION NUMBER : 10005112

APPLICANT : NIPPON SOKEN INC;

INVENTOR : KOHAMA TOKIO;

INT.CL. : F02M 25/08 F02D 35/00 F02D 41/02
F02D 41/04 F02D 45/00 F02D 45/00

TITLE : EVAPORATION PURGE CONTROL
METHOD OF INTERNAL COMBUSTION
ENGINE



ABSTRACT : PROBLEM TO BE SOLVED: To generate a leak of fuel vapor in the atmosphere, so as to prevent air pollution, by placing a canister in a saturated condition.

SOLUTION: In switching of theoretical air/fuel ratio operation and lean burn operation, an adsorbing condition of fuel vapor in a canister 2 is detected, when a large adsorbing amount is judged, the operation of theoretical air/fuel ratio is performed, the canister is purged, when a small adsorbing amount is judged, the lean burn operation is performed. As a data for judgement, a pressure sensor 6 for detecting a difference of pressure between the upstream/ downstream of the canister, flow amount sensor in the halfway of the canister and an intake pipe 8, O₂ sensor of an exhaust pipe 10, and a temperature sensor 7 or the like of the canister, are utilized.

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